FFH 330 Halifax [City Class] - 2023 Project Strongbow, COMINT/SIGINT Refit

Canada

Type: FFG - Guided Missile Frigate

Max Speed: 29 kt

Commissioned: 2023

Length: 135.5 m

Beam: 16.4 m

Draft: 4.9 m

Crew: 227

Displacement: 4305 t

Displacement Full: 4761 t

Propulsion: 1x SEMT-Pielstick 20 PA6 V280

BTC Diesel, 2x General Electric LM-2500-30

Gas Turbines, CODOG

Sensors / EW:

- Pathfinder ST Mk2 - Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- CA/SRD-502 HF/DF [SwRi] - ESM, HF/DF w/ OTH Targeting, Max range: 926 km
- Rattler - (Assoc w NS-9003) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- NS-9003A(V)2HC - (4th Gen) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- CA/SQS-510 - (4th Gen) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 55.6 km
- SMART-S Mk2 - (4th Gen) Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 250 km
- CA/SQR-501 CANTASS [AN/SQR-19] - (4th Gen) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- Sea Giraffe 180 HC - (4th Gen) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 185.2 km
- EOS 500 [CCD] - (Group, 9GR400) Visual, LLTV, Weapon Director, Max range: 185.2 km
- EOS 500 [IR Camera] - (Group, 9GR400) Infrared, Infrared, Weapon Director Camera, Max range: 185.2 km
- EOS 500 [Laser Rangefinder] - (Group, 9GR400) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km
- CEROS 200 Tracker [9LV Mk4 ESSM] - (Group, 9GR400) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 74.1 km
- SIRIUS - (Group, 9GR400) Infrared, Infrared, Target Indicator Camera, Max range: 0 km
- CA/ULR-501 Seasearch - (Surface) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Generic COMINT - (2020s, DF) ESM, COMINT, Max range: 926 km
- Generic SIGINT - (2020s) ESM, SIGINT (ELINT & COMINT), Max range: 926 km

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Weapons / Loadouts:

- DUAL TRAP Chaff/Flare - Decoy (Expendable). Surface Max: 1.9 km.
- 57mm/70 Bofors Mk3 GP Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 9.3 km. Land Max: 9.3 km.
- 20mm/100 Mk15 Phalanx Blk 1B Burst [300 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km.

- 12.7mm/50 Mini-Typhoon Burst [10 rnds] - Gun. Surface Max: 1.9 km. Land Max: 1.9 km.
- RIM-162C ESSM - (2004, Mk48) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- RGM-84L Harpoon II - (2003) Guided Weapon. Surface Max: 138.9 km. Land Max: 138.9 km.
- AN/SLQ-25A Nixie - Decoy (Towed). Surface Max: 1.9 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.